

# IDAHO DEPARTMENT OF FISH AND GAME

**Jerry M. Conley, Director**

FEDERAL AID IN FISH RESTORATION

Job Performance Report

Project F-71-R-12



REGIONAL MANAGEMENT COORDINATION AND ASSISTANCE

By

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January 1989

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## **JOB PERFORMANCE REPORT**

State of: Idaho

Title: Regional Management Coordination  
and Assistance

Project No. F-71-R-12

Subproject: II

Job No.: 1

Period Covered: July 1, 1987 to June 30, 1988

### **ABSTRACT**

The 1988 Idaho Angler Opinion Survey was mailed to 28,500 anglers to help assess goals and policies governing fish management for the next 10 years.

Fish habitat assessment was performed on the Big Wood River using instream flow methodologies. Instream flow appropriation requests were made to the Water Resource Board for Shoshone and Hayden creeks and the North Fork Payette River. Minimum instream flow water rights were approved by the Idaho Legislature for 9 segments of 5 streams.

Coordination of hydropower activities consumed approximately 80% of project staff time. Activities included 146 pieces of hydro-related correspondence, meetings, field reviews, personal contacts and phone calls too numerous to be enumerated.

An audit of 40 timber sales was conducted in cooperation with other entities to assess compliance and effectiveness of best management practices as they relate to water quality. An Antidegradation Implementation Plan was developed in cooperation with other entities to satisfy antidegradation requirements of the Federal Clean Water Act.

Author:

William D. Horton  
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## **OBJECTIVES**

1. To develop statewide warmwater management programs that include guidelines for Regional Fishery Managers. Specifically, develop a warmwater fisheries introduction guideline handbook.
2. To conduct an angler opinion survey providing information on angler use and management direction for Idaho's fishery resources.
3. To design and conduct instream flow studies, to train regional management staff and to represent the Idaho Department of Fish and Game (IDFG) at hearings and public meetings regarding requests for instream flow water rights.
4. To evaluate hydropower development impacts upon fishery resources, set instream flows for projects, coordinate comments from regional managers to the Federal Energy Regulatory Commission (FERC) and serve as the IDFG's contact with hydropower developers.
5. To develop summaries of requests for hatchery fish enhancement programs from regional managers.
6. To coordinate the evaluation of BLM and Forest Service land-use plans upon fish and fishery habitats with regional offices.

## **RECOMMENDATIONS**

1. Submit results of 1988 Idaho Angler Opinion Survey to the Idaho Fish and Game Commission, and make the information available to the public.
2. Work with regional staff on an individual basis to provide training needs in field data collection, computer analysis and interpretation techniques for determination of instream flow needs.
3. Submit six requests for minimum instream flows during the next study period.
4. Continue to coordinate IDFG's hydropower activities.
5. Coordinate and work with other state agencies toward the development of a comprehensive, statewide plan for hydropower development.

## **TECHNIQUES USED**

In an effort to gather the opinions of the Idaho angler, Fisheries staff personnel, in cooperation with statisticians and social scientists from the University of Idaho, College of Forestry, Wildlife, and Range Sciences, assembled 36 questions in a questionnaire that was mailed to 28,500 anglers.

Minimum instream flow water rights were presented to, and defended before, committees of the Idaho Legislature during the 1988 Legislative Session. Requests for minimum instream flow permits were submitted to the Water Resource Board in accordance with state water right application procedures.

Instream flow assessment training was provided to regional staff on an individual basis, combining field work and review of analytical techniques as recommended by the Western Energy Land Use Team's Instream Flow Group. Specific techniques and application are available from IDFG.

Habitat changes in the Big Wood River are being assessed through use of the Instream Flow Incremental Methodology (IFIM) in an attempt to quantify changes in fish habitat caused by mechanical channel manipulation. Measurements done before the placement of channel modifiers and habitat structures will be compared to studies conducted after the channels stabilize.

Coordination of hydropower activities was conducted by phone, correspondence, interagency meetings, field reviews and individual personal contacts in accordance with FERC and IDFG hydropower policies and procedures.

Under the direction of the Idaho Department of Health and Welfare and in cooperation with the U.S. Forest Service, the Idaho Department of Lands, and private industry, IDFG participated in an audit of Idaho forest practices. The purpose of the audit, which is conducted every four years, is to measure the compliance and effectiveness of the forest industry's best management practices (BMPs) as they relate to water quality.

IDFG personnel participated in development of an Antidegradation Implementation Plan for Idaho. This plan was developed through a cooperative state, federal, tribal, industry and public participation process to identify and achieve the goals of the antidegradation policy.

## **FINDINGS**

### Warmwater Management Programs

This activity was not handled under this project due to the time demand of hydropower coordination activities.

### Angler Opinion Survey

The 1988 Idaho Angler Opinion Survey was mailed to 28,500 anglers in May, 1988 (Appendix A). Survey results are currently being tabulated, and a complete report will be issued in early 1989. Results will help determine goals and policies governing management of the fishery resource through the next 10 years.

### Instream Flows

Table 1. Minimum instream flow water rights were approved by the Idaho Legislature for nine segments in five streams.

<u>Stream</u>	<u>Water right</u>	<u>Stream reach</u>
E. F. Rock Creek	11 cfs	Headwater springs to gage station
	20 cfs	Gage station to county bridge
S. F. Payette R.	212 to 1,100 cfs	Wilderness Boundary to Deadwood R.
	337 to 1,100 cfs	Deadwood River to Oxbow Bend
	337 to 400 cfs	Oxbow Bend
	337 to 1,100 cfs	Oxbow Bend to mouth
Payette River	407 to 1,350 cfs	South Fork to North Fork
Lightning Creek	49 to 84 cfs	East Fork to Clark Fork River
Grouse Creek	14 to 85 cfs	County road bridge to Pack River

Requests for minimum instream flows were submitted to the Water Resource Board for Shoshone and Hayden creeks, and the North Fork Payette River. Public information meetings were held for each stream, and formal hearings were conducted for Shoshone Creek and the North Fork Payette River.

IFIM data collected on the Big Wood River is being tabulated to quantify relative fish habitat in a reach near Hulen Meadows. This data will be compared to data collected in 1989 and later to assess changes in fish habitat caused by the placement of boulders and development of plunge pools.

### Hydropower Coordination

Coordination of IDFG activities in response to hydropower proposals and the FERC licensing process was the most time-consuming activity for this project, accounting for approximately 80% of staff time.

The IDFG responded to hydropower development needs with countless site visits, meetings, consultations and telephone inquiries to coordinate the protection of fish, wildlife and riparian zones in affected areas. Documented responses included: (1) letters to developers, consultants and engineers on project activities; (2) letters to FERC in Washington, D.C., regarding preliminary permits, terms and conditions, modifications to licenses, changes or clarifications of articles in license applications, and scoping of environmental issues and environmental impact statements; (3) letters to FERC's Portland, Oregon, Regional Office in reference to noncompliance with terms and conditions as well as modifications to terms and conditions; and (4) letters or memorandums within the IDFG, or to other

state and federal agencies, either involved in coordinating or providing information on hydropower projects (Table 2). Letters regarding miscellaneous activities were written to a wide variety of persons or agencies for the coordination of these activities.

#### Hatchery Enhancement Coordination

This activity was not handled under this project due to the time demands of hydropower coordination activities.

#### Land-Use Plans Coordination

Forty timber sales throughout the state were evaluated to assess if BMP's were working to prevent or reduce degradation of water quality. Ten timber sales were evaluated for each entity that manages or uses forest lands. Those entities were the U.S. Forest Service, Idaho Department of Lands, private industrial and private nonindustrial. A report will be completed by the Idaho Department of Health and Welfare.

Work on the Antidegradation Implementation Plan will continue in 1989. This plan, when implemented through appropriate statutes, regulations, interagency agreement, and agency policies, is intended to satisfy the antidegradation requirements of the Federal Clean Water Act. Implementation of this agreement is intended to: (1) maintain and protect the water quality of outstanding resource waters in the state from nonpoint sources of pollution, (2) maintain or improve the quality of impacted waters and (3) fully protect existing beneficial uses.

Table 2. Synopsis of correspondence prepared and submitted relating to small hydropower projects in Idaho from July 1, 1987 to June 30, 1988.

Number of letters	Written to:	Subject
10	Secretary, FERC	Preliminary permit application by developer
25	Secretary, FERC; or Director, Portland Regional Office, FERC	Miscellaneous items: response on EIS, modifications and exemptions to terms and conditions and mitigation for terms and conditions, response to requests for information on PURPA, ECPA or CIAP, or general information responses
6	Secretary, FERC	Intervention to license application or transfer of license
14	Secretary, FERC	Compliance or noncompliance to terms and conditions, or modifications to terms and conditions
79	developer and consultants	Comments, information or consultation on project activities
6	state or federal legislators	Inquiries regarding projects from constituents
5	state government agencies	Interagency coordination of hydropower activities



Appendix A. Angler opinion survey mailed to 7% of licensed Idaho anglers,  
May, 1988.



**IDAHO FISH & GAME**

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Boise, Idaho 83707

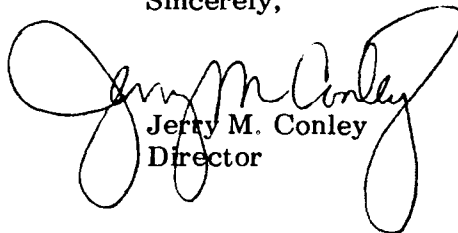
May 17, 1988

Dear Angler:

You will find on the enclosed pages the Idaho Angler Opinion Survey. The Idaho Department of Fish and Game conducts this survey every 10 years. Survey results will help determine the policies and goals governing the management of the State Fishery Resource through the next 10 year planning period.

Your help in determining Idaho's fishing future is greatly appreciated.

Sincerely,



Jerry M. Conley  
Director

Enclosure

Cecil D. Andrus / Governor  
Jerry M. Conley / Director



# 1988 IDAHO ANGLER OPINION SURVEY

1. What is your age?

14-19    20-29    30-39    40-49    50-59    60+  
☐    ☐    ☐    ☐    ☐    ☐

2. What is your sex?                      Male    ☐                      Female    ☐

3. Did you fish in Idaho in 1987?      Yes    ☐      No    ☐

4. What is your permanent residence?

State \_\_\_\_\_ County \_\_\_\_\_

5. Does your spouse fish?      Yes    ☐      No    ☐      Not married    ☐

6. How many children under age 14 are there living at your home? \_\_\_\_\_

7. How many children under age 14 living at home participate in fishing? \_\_\_\_\_

8. Do you belong to a sportsman organization?      Yes    ☐      No    ☐

9. Do you own a boat used for fishing in Idaho?      Yes    ☐      No    ☐

10. What type of Idaho license did you purchase in 1987?

RESIDENT

Hunt-Fish Combination    ☐  
 Season Fishing    ☐

NONRESIDENT

Season Fishing    ☐  
 10-Day Fishing    ☐  
 3-Day Fishing    ☐  
 1-Day Fishing    ☐

11. Do you feel the price you paid for your license to fish in Idaho waters in 1987 was:

Too High    ☐                      About Right    ☐                      Too Low    ☐

12. If you fished in Idaho during 1987, please list the three waters most frequently fished:

Water: \_\_\_\_\_ County: \_\_\_\_\_

Water: \_\_\_\_\_ County: \_\_\_\_\_

Water: \_\_\_\_\_ County: \_\_\_\_\_

13. If you fished for trout in Idaho during 1987, do you believe the present statewide limit of 6 trout is:

Too Many    ☐                      About Right    ☐                      Too Few    ☐                      No Opinion    ☐

14. Would you like a portion of the 9-inch hatchery trout production converted into a few trout larger than 12 inches? Even knowing that one 12-inch trout will replace three 9-inch trout available for stocking in Idaho waters?

Yes    ☐                      No    ☐                      No Opinion    ☐

15. How would you rate the quality of trout stocked by the Idaho Department of Fish and Game?

Excellent    ☐                      Good    ☐                      Fair    ☐                      Poor    ☐                      No Opinion    ☐

16. Increased fishing pressure has reduced wild trout populations in some Idaho streams. To maintain fishable populations would you favor:

- ☐ Restrict the number or size of wild trout that could be kept?
- ☐ Replace wild trout with hatchery trout?
- ☐ No Opinion.

17. Would you like to have additional streams or lakes managed to provide larger than average trout and increased catch rates, even knowing that methods of fishing and numbers and size of fish that could be kept would be restricted?

Yes ☐ No ☐ No Opinion ☐

18. If you knew that restrictions were needed to increase the size and catch rates of trout on a given water, would you prefer (more than one box may be checked):

- ☐ Artificial tackle only.
- ☐ Reduced bag limits.
- ☐ Shorter seasons.
- ☐ Size restriction.
- ☐ No opinion.

19. Please indicate the programs you feel should receive more or less emphasis:

	More	Less	No Change
Hatchery trout production for lakes . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protection and enhancement of wild trout . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Warm water fisheries . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hatchery trout production for streams . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat protection . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Salmon and Steelhead . . . . .	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. If you had to release all of the trout you caught from your favorite trout stream, would you continue to fish that stream?

Yes ☐ No ☐ No Opinion ☐

21. If a stream or lake could provide the opportunity to catch trophy trout, would you fish that stream or lake, even if you had to release all the fish you caught?

Yes ☐ No ☐ No Opinion ☐

22. Fishing contests and tournaments are currently unregulated in Idaho. Please check the box that best describes your feelings about tournaments and contests.

- ☐ Should remain unregulated.
- ☐ Should be regulated.
- ☐ Should be prohibited.
- ☐ No opinion.

23. Would you like some lakes or ponds in Idaho managed to provide increased catch rates for bass greater than 15 inches in length, even knowing that numbers and size of fish that could be kept would be restricted?

Yes ☐ No ☐ No Opinion ☐

24. If you fish for bass in Idaho, what is the smallest (a) largemouth bass, (b) smallmouth bass you would keep if not restricted?

Largemouth

- ☐ 6 inches
- ☐ 8 inches
- ☐ 10 inches
- ☐ 12 inches
- ☐ 14 inches

Smallmouth

- ☐ 6 inches
- ☐ 8 inches
- ☐ 10 inches
- ☐ 12 inches
- ☐ 14 inches

25. If you fish for bass in Idaho, what would you consider a quality-size (a) largemouth bass, (b) smallmouth bass?

Largemouth

- ☐ 12 inches
- ☐ 14 inches
- ☐ 16 inches
- ☐ 18 inches
- ☐ 20 inches

Smallmouth

- ☐ 12 inches
- ☐ 14 inches
- ☐ 16 inches
- ☐ 18 inches
- ☐ 20 inches

26. Do you feel the Idaho Department of Fish and Game should provide more information about available fishing opportunities, such as location of lakes and streams, public access areas, or types of fish available?

Yes ☐ No ☐ No Opinion ☐

27. Would you favor allowing two daily bag limits as a possession limit for lakes and reservoirs even though it may mean lower catch rates?

Yes ☐ No ☐ No Opinion ☐

28. The Department's Fish Management Plan limits walleye introductions to two reservoirs where fisheries have been established. Would you like to see walleye introduced in additional reservoirs even knowing trout and other fisheries would be impacted?

Yes ☐ No ☐ No Opinion ☐

29. Would you please check in the boxes below (1) all of the fish species you fished for in 1987, (2) the types of water you fished, (3) the modes of fishing (shore, boat, ice, float tube), and (4) the types of fishing gear you used. Please check all appropriate boxes.

1 Species Fished For in 1987	2 Water Typed Fished			3 Mode of Fishing				4 Method of Fishing			
	Mountain Lakes	Lake/ Reservoir	Stream/ River	Shore/ Wade	Boat	Float Tube	Ice Fish	Lure/ Spin	Bait	Fly	Other
EXAMPLE: (Bass) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yellow Perch <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bluegill/Pumpkinseed <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crappie <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Smallmouth bass <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Largemouth bass <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Walleye <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pike <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steelhead <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Anadromous chinook salmon <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landlocked chinook salmon <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cutthroat trout <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rainbow trout <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brook trout <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bull trout (Dolly Varden) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brown trout <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lake trout <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kokanee/Coho <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Catfish <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sturgeon <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Whitefish <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nongame <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

30. Please list the three species you most prefer to catch (1 = most preferred): 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

31. Please name the one water type (listed above) you most prefer: \_\_\_\_\_

32. Please name the one mode of fishing (listed above) you most prefer: \_\_\_\_\_

33. Please name the one method of fishing (listed above) you most prefer: \_\_\_\_\_

34. Please check the box that best describes your satisfaction in 1987 while fishing the fishery types listed below and estimate the number of days spent fishing each fishery type:

Fishery Type	Days Fished	Excellent	Good	Fair	Poor
Anadromous chinook salmon		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Landlocked chinook salmon		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Steelhead		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
High Mountain Lakes		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for trout		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for kokanee		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for bass		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for perch		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for sunfish/crappie		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for walleye		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for pike		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lakes and Reservoirs for other		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rivers and Streams for trout		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rivers and Streams for whitefish		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rivers and Streams for bass		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rivers and Streams for other		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sturgeon		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

35. In order to improve fishing opportunities, we need to know what factors are important to you in selecting **where** to fish. Please check **one** box for each factor indicating the importance you place on the factors shown in the table below.

Factor	Crucial	Very Important	Important	Somewhat Important	Not Important
Avoid angler crowding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Avoid other forms of recreationists	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boat launching facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Marina facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nearness to restaurants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nearness to bait and tackle shops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nearness to camping facilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Natural beauty of the area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Solitude	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Catch rate of keepable fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Catch rate of all fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Presence of favorite fish (species)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chance to catch a large or trophy fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chance to catch wild fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chance to catch a variety of fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nearness to home (travel distance)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nearness to second home or cabin	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Familiarity with the area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessibility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bank fishing opportunity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



36. We would like to know some of the reasons why you fish. Please check the box indicating the importance you place on each reason.

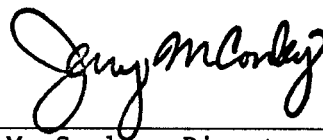
Reason	Crucial	Very Important	Important	Somewhat Important	Not Important
To catch fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For relaxation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
To enjoy nature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For companionship	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For the challenge and excitement	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
To be alone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
To improve fishing skill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For exercise	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Family togetherness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chance to catch trophy fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Competition with other anglers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Catch fish for consumption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Submitted by:

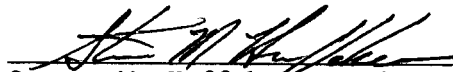
William D. Horton  
Fisheries Staff Biologist

Approved by:

IDAHO DEPARTMENT OF FISH AND GAME



\_\_\_\_\_  
Jerry M. Conley, Director



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Steven M. Huffaker, Acting Chief  
Bureau of Fisheries



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Al Van Vooren  
Resident Fisheries Manager